

# Curriculum Vitae

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## 👤 Personal Details

### Eugen Stan

I'm passionate about technology and the benefits it can bring. I believe technology should serve people and I do my best to achieve that goal. I like building systems and I find myself experimenting. Two personality traits that describe me are curiosity and tenacity.

My first coding experience was in ~6th grade with a [HC 85](#) PC running [Basic](#). In high school we learned [Turbo Pascal](#) and I self-thought myself [C](#) and [Linux](#). I used to sneak in the computer lab often. I convinced them to let me install [Slackware](#). I read [Let's Build a Compiler](#) and then I wrote an interpreter for a simple language, unimaginatively called [Interpreter for Pseudo Code](#). I took a break from coding during most of my college years.

When I started coding professionally I used mainly [Java](#) and [JavaScript](#).

Today my language of choice is [Clojure](#) and [ClojureScript](#). It's a fun language to use.

I like libre/open source software and I was/am involved/support/promote [Apache Software Foundation](#) and [Debian](#) communities. I founded [Bucharest-JUG](#) together with [Andrei Savu](#) and [Mihai Soloi](#), which I managed alone for a while.

## Contacts

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- 💬 Skype: stan.ieugen

## WebSites

- ieugen [<https://ieugen.ro>]
- blog.ieugen.ro [<https://blog.ieugen.ro/> (old, will migrate to ieugen.ro)]

## Social Media

- in LinkedIn: <https://www.linkedin.com/in/ieugen> | GitHub: <https://github.com/ieugen> | Twitter: <https://twitter.com/ieugen222> | Facebook: <https://www.facebook.com/ieugen222> | Instagram: <https://www.instagram.com/ieugen222>

## 📍 Location

- [Bucharest/România](#)

# 📁 Professional Experience

## Self Employed at Netdava

📅 February 2016 to Now (Ongoing)

👤 [Netdava](#)

I do client work through my company. If you think I can help you or your company please let me know. Since october 2020 I've started publishing regularly on my blog - <https://ieugen.ro>. I go into more details there.

## Cloud migration for a Romanian online retail company

📅 October 2020 - Ongoing, Online retail

I'm working with an online retailer from Romania to adopt cloud tools, build a delivery pipeline and improve their time to market. The end goal is to enable the client to grow their IT team in a manageable way.

I'm helping them migrate to cloud (Kubernetes), build a CI/CD pipeline. All this is setup with [Single Sign on](#) via [LDAP](#) and [Oauth2](#). It has been mostly infrastructure work with some [Java](#) on the side.

Some of the tools we used are:

- [RedHat Ansible](#) - for infrastructure setup
- [Jenkins](#) - with declarative pipelines as a CI/CD build tool
- [Docker](#) - to build containers images
- [Kubernetes](#) - as an application scheduler
- [FreeIPA](#) - for identity management to nodes and applications

- [Gradle](#) - to build the Java application
- [git](#) - for version control

We've also helped them build a monitoring system with [Prometheus](#) and [Grafana](#) so they can better monitor their production systems.

## Internal projects

🏠 June 2020, September 2020 [Netdava](#)

I've spent some time working on company internal projects and infrastructure. We've also built a [ClojureScript](#) single page application for converting bank statements from a custom CSV to <https://www.ofx.net/> [Open Financial Exchange] format.

<https://gitlab.com/netdava/homebank-ofx/> Source <https://netdava.gitlab.io/homebank-ofx/> Live

## API integration [Manychat](#), [Silferbots](#) and [Netopia Mobilpay](#)

🏠 May 2020 → June 2020, [Robomarketing.ro](#)

The client wanted to enable card payment via [Facebook Messenger](#) marketing robots. I've used [PHP](#) with [Laravel Framework](#) and [Docker](#) to build an [API](#) integration on top of the clients existing [Wordpress](#) hosting solution.

## Gr8pi SaaS - People assessment platform

🏠 January 2018 (from July 2015) → May 2020, [Great People Inside](#)

My third start-up experience. I had many hats: developer, team manager, solution architect, managed operations, investor.

### Context

The [Great People Inside](#) company sells assessments used in [Human Resources \(HR\)](#) processes. I've helped to build the [Gr8pi](#) platform, a [Software as a Service \(SaaS\)](#) internet platform that delivers the assessments internationally. When I left we had clients on all major continents and delivered more than 500.000 questionnaires in more than 20 languages.

I started as a developer and bootstrapped the project by writing the first lines of [Java](#) code. As the team formed, I took on team management responsibilities. When we went live, I also took on a [DevOps](#) hat. I was in contact with the client and provided technical solutions and designed the project architecture. I worked with a remote team from Vietnam and had to overcome language and timezone challenges.

It was interesting, it was fun, it was stressful. I've done a lot, I've learned a lot and I have grown a lot from this experience.

### Infrastructure

We deployed on [Hetzner](#) and [Amazon Web Services \(AWS\)](#). I pushed for [Docker](#) adoption and then

[Kubernetes](#). I automated infrastructure deployment via [HashiCorp Terraform](#), [RedHat Ansible](#) and [Kubespray](#). I pushed for centralized [Identity Management](#) to reduce operational overhead. We started with [LDAP](#) and then we implemented web [Single Sign on](#) via [Microsoft Azure AD](#) and [Keycloak](#).

To deliver the products to all the 20+ languages, the company needed an affordable translation solution. I deployed [Weblate](#) and then integrated with [Microsoft 365](#) via [Microsoft Azure AD](#) for easy management.

We had separate [Kubernetes](#) clusters and environments for production and staging/development. I've implemented [Single Sign on](#) with [OpenId Connect](#) for development infrastructure: [Jenkins](#), [Nexus](#), [Kubernetes](#), etc.

I implemented a tool using [Clojure](#) to automate translation updates from [Weblate](#) for our production systems.

## Development

[Gr8pi](#) was deployed using a micro-service architecture. We held daily [Scrum](#) meetings and worked in development sprints. We used [Bitbucket](#) for code hosting and [Jira](#) for issue tracking.

We used [Gradle](#) as a build system. We packaged applications as [Docker](#) images and pushed them to [Nexus](#). For staging environment I implemented automated deployment on every [Jenkins](#) build.

Technologies	Tools	OS/Runtimes
<a href="#">Java</a> , <a href="#">Clojure</a> , <a href="#">JavaScript</a> , <a href="#">SQL</a> , <a href="#">React.js</a> , <a href="#">Spring Boot</a> , <a href="#">PostgreSQL</a> , <a href="#">Keycloak</a>	<a href="#">Bash</a> , <a href="#">Vim</a> , <a href="#">IntelliJ</a> , <a href="#">Gradle</a> , <a href="#">Jenkins</a> , <a href="#">Fywaydb</a> , <a href="#">HashiCorp Terraform</a> , <a href="#">RedHat Ansible</a> , <a href="#">Helm</a> , <a href="#">Dbeaver</a>	<a href="#">Debian</a> , <a href="#">Docker</a> , <a href="#">Kubernetes</a> , <a href="#">OpenJDK 8</a> , <a href="#">GaalVM</a> , <a href="#">Node.js</a>

## Self Employed at Stan Ioan Eugen PFA

📅 June 2012 to May 2018

👤 Eugen Stan PFA

This is my first micro company that I used to work on various projects.

### Gr8pi SaaS - People assessment platform - part 1

- 📅 July 2015 → January 2018 at [DevLabel](#), [Gr8 Research & Development](#)

I worked on [Gr8pi](#), a [Software as a Service \(SaaS\)](#) platform. I continued the work on this project via my other company ([Netdava](#)). Please see the details there.

### Misc projects

- 📅 June 2015 at [BrainConcert](#): I delivered a 3 day training on [Java](#) fundamentals in Leicester, UK.
- 📅 January 2015, [Trusted.ro](#): I implemented the functionality for Trusted mark generation and distribution on client websites. I worked with [PHP](#), [Wordpress](#), [Apache HTTP](#) and [Amazon Web](#)

Services (AWS) S3.

- 🗓 December 2014 → June 2015 at [SAS Roomcheking France Distribution](#): I worked mostly with [JavaScript](#). I established some UI reusable components and helped with [Microsoft Azure](#) and [PostgreSQL](#).
- 🗓 September 2014 at [Thales Systems România \(Thales Group\)](#): I delivered a training on [Java](#) modularity with [OSGi](#) and [Spring](#).
- 🗓 September 2014 at [Axway](#): I delivered a presentation on [Apache Camel](#).
- 🗓 July 2014 at [Comsolit AG](#): I've helped involve Comsolit's customers in the project development by building a [Continuous Integration](#) pipeline with:
  - [Samba 4](#) Active Domain Controller for unified [Identity Management](#)
  - [Jenkins](#) for continuous integration and test automation
  - [Gerrit Code Review](#) for code review
  - [Apache Syncope](#) for web based identity management

## Electronic invoice/order processing

🗓 April 2013 → April June 2014, [DocProcess](#)

My second start-up experience. I was involved with designing and implementing a platform for electronic document processing.

The platform did invoice and order mediation for super-markets in Romania and it's suppliers. We went into production after six months, with a very small team. When I left the project, we mediated documents for three big super-market stores in Romania and over 200 of their suppliers.

I was involved in the project with different roles and did the following activities: training on specific technologies and workflows, software design, architecture, Java implementation. I also handled [DevOps](#). My operations tasks included: monitoring, deployment, level 3 support.

Some of the choices I've made:

- **Infrastructure:**
  - I've pushed for virtualization of existing servers using [XenServer](#) installations with centralized storage for easy back-up and recovery.
  - We've integrated a lot of services into [LDAP](#) for unified [Identity Management](#).
- **Development:**
  - I've trained the team to use version control ([git](#)) and [Maven](#) for dependency management.
  - We started using [GitHub](#) + Issues for issue tracking. Later moved to [Bitbucket](#) and [Jira](#).
  - We used [Git Flow](#) and pull requests for code review and [Jenkins](#) for automated [JUnit](#) tests.
- **Standardization:** I've pushed for standardization across all stack
  - same operating system([Debian](#))
  - same JDK [OpenJDK 7](#)

- same Database - [PostgreSQL](#) - to minimize operation overhead and improve development speed.
- **Technology:** We used an open source technology stack. Gnu/Linux ([Debian Stable](#)) as base operating system with the [Apache Karaf](#) application server using [Apache Camel](#) for mediation and routing. We used [PostgreSQL](#) as a database. I integrated [Apache FTP Server](#) and [Tomcat](#) WebDav with [Apache Shiro](#) for authentication and authorization and we used [Smooks](#) for data transformation.

## On Demand [Apache Hadoop](#) processing on [Amazon Web Services \(AWS\)](#)

📅 June 2012 → January 2013, at [Axemblr Software Solutions](#)

This was my first "Start-up" experience. I joined [Andrei Savu](#) and we've worked on bringing [Apache Hadoop](#) on Cloud infrastructure ([Amazon Web Services \(AWS\)](#), [Apache Cloud Stack](#)) and other consulting projects. I engaged in company growth and product development. I represented the company and our product in front of the judges at Strata + Hadoop World 2012 [Startup Showcase finalists](#).

I was involved with the following:

- Axemblr Provisionr - worked on application architecture and design (based on [Apache Karaf](#)), implemented [Apache Cloud Stack](#) provider. The project was moved to [Apache Software Foundation](#) Incubator and the company was acquired by [Cloudera](#).
- I wrote a [Java](#) client for [Cloudera Manager API](#) REST API
- I wrote a [JavaScript](#) client for the REST interface of [Apache Brooklyn](#)

## Java Developer at 1and1 Internet România

📅 September 2011 to May 2012

👤 [1and1 România](#)

I worked inside the [Big Data](#) Solutions team on an email clustering application using [Apache Hadoop](#), [Apache HBase](#) and [Apache Mahout](#).

## Java Developer at Apache James (Google Summer of Code)

📅 May 2011 to September 2011

👤 [Apache Software Foundation](#)

I applied and was selected to participate in the [Google Summer of Code 2011](#) program. [Apache James](#) is an enterprise email server written in Java. It is a component based, high performance enterprise email server. During the program I implemented an mailbox storage solution on top of [Apache HBase](#). I also contributed a fast iterator-like interface over email messages stored in an mbox file. This contribution is part of [Apache James Mime4j](#).

After the project I was proposed and accepted to become an [Apache James Committer](#) and later, a

member of the project management committee.

## Java Developer at Joseki Bold

📅 January 2011 to May 2011

👤 Joseki Bold

My first fully remote, full-time job as a software developer in [Java](#). I worked on a Java network application based on (then JBoos) [Netty](#) library. I am grateful again to Emilian for helping me start my IT career.

## Fire Fighter Officer at Inspectoratul pentru Situatii de Urgentă "Dealul Spirii" Bucuresti-Ilfov

📅 November 2009 to December 2010

👤 ISU "Dealul Spirii" București-Ilfov

My first long full-time job was as a Fire Fighter. My responsibility was to command a fire-fighting unit in training and rescue operations. I participated in about 100 rescue operations and missions with Detasamentul Special de Salvatori.

I also got a small sponsorship in IT equipment. I wanted to do a digital migration and use electronic documents and tools.

## NetBeans Platform Translator at Joseki Bold

📅 August 2009 to September 2009

👤 Joseki Bold

This was my first paid contract. I translated the [NetBeans](#) Java Platform in Romanian language. I am grateful to Emilian for giving me this opportunity. I used the money from this and some savings to buy my first laptop. Of course, I installed [Debian](#) on it.

## 🗨 Conferences & presentations

I try to stay up to date and love going to open source conferences. I also founded [Bucharest-JUG](#), helped manage it and hosted the sessions.

- I spoke at [AdaptTo\(\) 2018](#) with [Dmitry Telegin](#) about Modern authentication in Sling with [OpenId Connect](#) and [Keycloak](#)
- I spoke about Continuous Delivery at [I.T.A.K.E. Unconference](#) in Bucharest 2014
- I participated at [Java2Days](#) Bulgaria in 2013
- Participated at [Apache Con Europe 2012](#) in Sinsheim, Germany
- I spoke at [Berlin Buzzwords](#) about [Apache James](#) in 2012
- Participated at [Apache Con North America 2011](#) in Vancouver, Canada

- [Apache Mahout](#) Training - held by Grant Ingersoll, Vancouver, Canada, during ApacheCon 2011
- Scrum training - on the job training 1and1 Internet Romania, 2011
- Machine Learning online class by Andrew Ng, Stanford University, oct. 2011 - dec. 2011
- Artificial Intelligence online class by Sebastian Thurn and Peter Norvig Stanford University, oct. 2011 - dec 2011
- Introduction to Databases online class by Jennifer Whidom Stanford University, oct. 2011 - dec 2011

## Education

### Academic Background

#### [Fire Fighter Faculty](#)

Bachelor's degree, Engineering  
2004 - 2009

### Language Skills

- Romanian: native language
- English: fluent (reading); intermediate (speaking, writing).
- French: intermediate (reading, speaking, writing);

### Hobby and other

In ~2016 I decided that every year I will take a class to learn something new. The class/course should be about something I like or find interesting, in fields other than my work.

So far:

- I've learned double entry accounting and I keep my personal finances using [HLedger](#), a tool for [Plain Text Accounting](#).
- I have a [International Certificate for Operators of Pleasure Craft](#) Class D, C and S and I go sailing from time to time.
- Took dance classes (ongoing): Salsa, Bachata and Kizomba - I love to move and love the festivals.
- I'm a licensed massage therapist
- Took cooking classes in Bucharest and Hoi-An, Vietnam